



**Michigan's
Nonpoint Source
Program**

**Federal Clean Water Act
Section 319 Grant**
2012-0027



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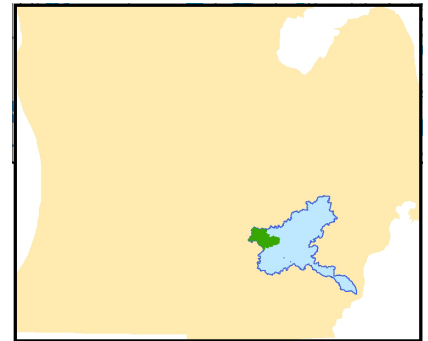
Portage Creek Watershed Plan Implementation

October 1, 2012 - March 31, 2015

Portage Creek is the Huron River watershed's highest quality creek. With few problems associated with urban runoff, protection of its ecosystem and pollution prevention is the priority. This project's goals included creating an awareness of water quality and watershed issues to promote positive actions to protect and enhance the integrity of the Portage Creek watershed, and adopting riparian buffer protections and stormwater management policies in three townships in the watershed. Project accomplishments include the production of "Waterfront Wisdom" a 12-page educational booklet sent to lake and stream riparian residents in the watershed, and the passage of buffer protection language in the zoning ordinances of Lyndon, Dexter, and Unadilla Townships.

Grant Amount: \$ 148,200
Match Funds: \$ 60,900

Total Amount: \$ 209,100



Best Management Practices:

- Green Infrastructure planning maps and documents in Lyndon, Unadilla, Dexter, and Stockbridge Townships and Stockbridge Village.
- Setback and buffer requirements for residential development in Lyndon and Dexter townships.
- Overlay protection zone in Unadilla Township.
- Open Space Development requirements to protect waterways in Dexter Township.

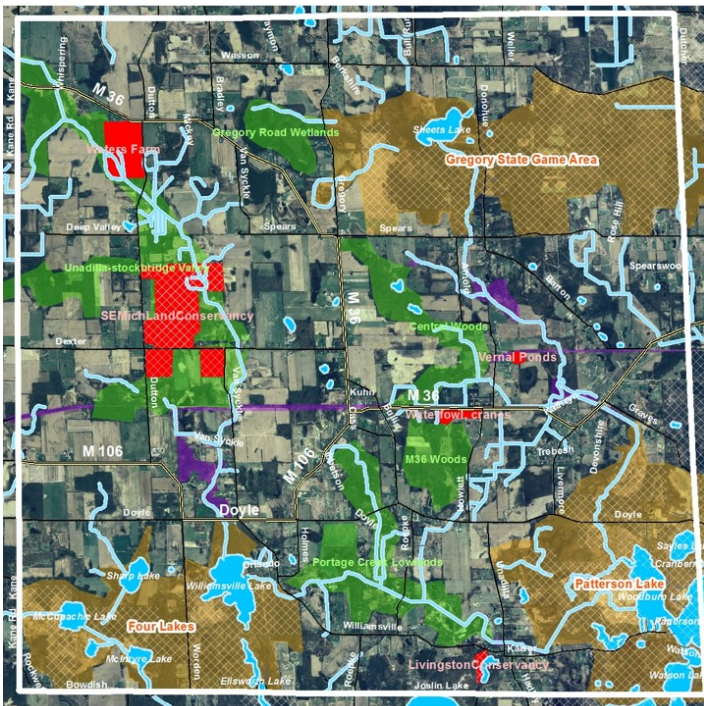
Partners involved:

- Dexter Township
- Lyndon Township
- Unadilla Township
- Stockbridge Village and Township
- Carlisle Wortman Associates
- Oakland County Water Resources Commissioner (original publisher of Waterfront Wisdom)



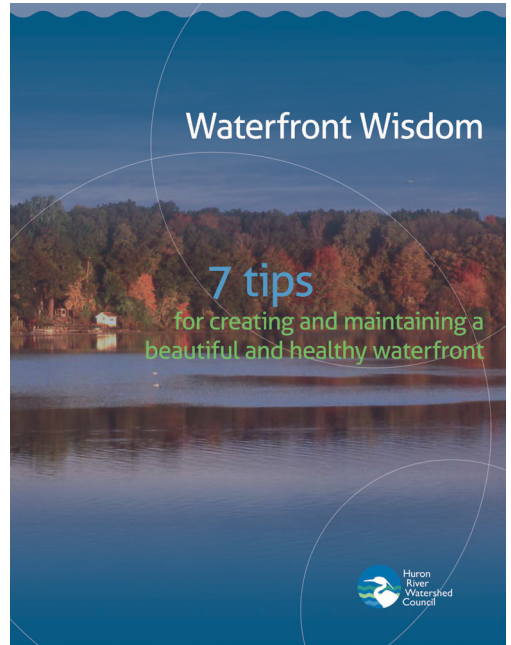
I&E Activities:

- A baseline environmental attitudes and awareness survey of residential riparian property owners using SIDMA SIPES.
- Huron River Watershed Community Calendar with nonpoint source pollution prevention tips sent to all watershed residents.
- An updated and reformatted 12-page tips booklet, "Waterfront Wisdom," sent to lake and stream riparian homeowners, promoting riparian buffers and natural shorelines among other best practices.
- A supporting Waterfront Wisdom advertising campaign, run in a regional newspaper.
- A post project survey measuring change in environmental attitudes and awareness.



- Hub
- Site
- Link
- Special features
- Streams w 100 ft buffer
- Conservation and Recreation Lands

Unadilla Township Green Infrastructure Map. Hubs are large natural areas that anchor the Green Infrastructure network. Sites are smaller areas that provide habitat and ecosystem services. Links connect hubs and sites. Dexter, Lyndon and Stockbridge townships all created such maps to help guide their land use policies.



Waterfront Wisdom 12-page booklet.



January 2014



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			New Year's Day 1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	Washburn Day 20	21	22	23	24	Washburn Day 25
26	27	28	29	30	Chinese New Year 31	



Watershed Community Calendar with nonpoint pollution prevention and water conservation tips and watershed education and stewardship information.